

[72] Inventor **Tadayuki Ishikawa**
Kyoto, Japan
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 [73] Assignee **Omron Tateisi Electronics Co.,**
Kyoto, Japan
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Primary Examiner—William F. O'Dea
 Assistant Examiner—Robert I. Smith
 Attorney—Christensen, Sanborn & Matthews

[54] **AUTOMATIC WATER SUPPLY SYSTEM**
8 Claims, 5 Drawing Figs.

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 [51] Int. Cl. H01h 47/12
 [50] Field of Search 4/1, 100,
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ABSTRACT: An automatic water supply control system for a toilet facility, wash basin or the like which features a capacity-sensitive antenna positioned to sense the approach of a user and cause a valve actuator signal to be produced, coupled with a circuit for compensating for slow changes in antenna capacity caused by changes in ambient conditions, such as humidity. The system includes timing and delay circuitry which permit the system to allow for minor movements of the user adjacent to the facility and to shut off after a predetermined period of operation.

